

Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT Application:

1. (currently amended) Method of discovery, by a device connectable to a communication network, of the other devices connected to this network, wherein characterized in that it comprises the following steps :

- connection of the device to the said network ;
- despatching of an announcement message containing autodescription information describing the device destined for all the other devices connected to this network ;
- despatching of an autodescription information request message to all the other devices connected to this network ;
- reception of a response message from each of the other devices of the network containing the autodescription information of this other device.

2. (currently amended) Method according to Claim 1, wherein the request message and the announcement message are merged.

3. (currently amended) Method according to ~~one of~~ Claims 1 or 2 , wherein the autodescription information describing a device contains the address on the network of the device.

4. (currently amended) Method according to ~~one of~~ Claims 1 to 3 , wherein the autodescription information describing a device contains a unique global identifier, different from the address, identifying the device on the network.

5. (currently amended) Method according to ~~one of~~ Claims 1 to 4 , wherein the autodescription information describing a device contains the characteristics of a software module making it possible to control this device.

6. (currently amended) Method according to ~~one of~~ Claims 1 to 5, wherein the announcement message is despatched by broadcasting over the network.

7. (currently amended) Method according to ~~one of~~ Claims 1 to 5, wherein the announcement message is despatched by multicasting on a predefined multicasting address to which the other devices must have subscribed.

8. (currently amended) Device connectable to a network, wherein characterized in that it possesses means for despatching an announcement message, containing autodescription information describing it, to all the other devices in the network, means for despatching a message for requesting autodescription information to all the other devices in the network and means for receiving the response messages containing information describing each of the other devices of the network.

9. (currently amended) Device according to Claim 8, wherein the autodescription information describing a device contains the address on the network of the device.

10. (currently amended) Device according to ~~one of~~ Claims 8 to 9, wherein the device which comprises means making it possible to generate a unique global identifier, different from the address of the device, on the network.

11. (currently amended) Device according to ~~one of~~ Claims 8 to 10, wherein the autodescription information describing a device contains the characteristics of a software module making it possible to control this device.

12. (currently amended) Device according to ~~one of~~ Claims 8 to 11, wherein the device which comprises means for despatching the announcement message by broadcasting over the network.

13. (currently amended) Device according to ~~one of~~ Claims 8 to 11 which comprises means for despatching the announcement message by multicasting on a predefined multicasting address to which the other devices must have subscribed.